

1. (Currently Amended) A combustion system for a heat generator, comprising:
a premix burner, and outlet, and a combustion chamber, the premix burner being connected to the combustion chamber by means of an the outlet,:
wherein the outlet comprises a multiply stepped multiply-stepped transitional structure in the direction of flow of fluid so as to create turbulence in the fluid flow.
2. (Currently Amended) A combustion system as claimed in Claim 1, wherein the transitional structure of the outlet comprises three to five steps.
3. (Currently Amended) A combustion system as claimed in Claim 2, wherein the transitional structure comprises four steps are provided in the outlet.
4. (Currently Amended) A combustion system as claimed in any one of the preceding claims Claim 1, wherein the length to height ratio of the steps is from 1:1 to 10:1.
5. (Original) A combustion system as claimed in Claim 4, wherein the length to height ratio of the steps is from 1:1 to 7:1.
6. (Currently Amended) A combustion system as claimed in any one of the preceding claims Claim 1, wherein the outlet is in the form of comprises a nozzle.
7. (**Canceled**)